

IN THE CLAIMS

Please cancel claims 5, 10 and 15 and amend claims 1, 6 and 11 as follows:

1. (Currently amended) A method of preventing hypocalcemia, wherein a vitamin D derivative selected from ~~1 $\alpha$ -hydroxyvitamin D<sub>3</sub>~~ and 1, 25-dihydroxyvitamin D<sub>3</sub> is transvaginally administered to a domestic mammal.

2. (Previously submitted) The method of preventing hypocalcemia as claimed in claim 1, wherein the domestic mammal is a cow.

3. (Previously submitted) The method of preventing hypocalcemia as claimed in claim 1, including administering an intravaginal insert containing the vitamin D derivative to a vaginal cavity.

4. (Previously submitted) The method of preventing hypocalcemia as claimed in claim 1, wherein the vitamin D derivative administered intravaginally is absorbed in the vaginal cavity of the domestic mammal to increase a calcium concentration in the body, thereby preventing the disease.

5. Cancelled.

6. (Currently Amended) A method of curing hypocalcemia, including transvaginally administering a vitamin D derivative selected from ~~1 $\alpha$ -hydroxyvitamin D<sub>3</sub> and~~ 1, 25-dihydroxyvitamin D<sub>3</sub> to a domestic mammal.

7. (Previously Submitted) The method of curing hypocalcemia as claimed in claim 6, wherein the domestic mammal is a cow.

8. (Previously Submitted) The method of curing hypocalcemia as claimed in claim 6, including administering an intravaginal insert containing the vitamin D derivative to a vaginal cavity.

9. (Previously Submitted) The method of curing hypocalcemia as claimed in claim 6, wherein the vitamin D derivative administered intravaginally is absorbed in the vaginal cavity of the domestic mammal to increase a calcium concentration in the body, thereby curing the disease.

10. Cancelled.

11. (Currently Amended) A method of treating hypocalcemia, wherein a vitamin D derivative selected from ~~1 $\alpha$ -hydroxyvitamin D<sub>3</sub> and~~ 1, 25-dihydroxyvitamin D<sub>3</sub> is transvaginally administered to a domestic mammal.

12. (Previously Submitted) The method of treating hypocalcemia as claimed in claim 11, wherein the domestic mammal is a cow.

13. (Previously Submitted) The method of treating hypocalcemia as claimed in claim 11, including administering an intravaginal insert containing the vitamin D derivative to a vaginal cavity.

14. (Previously Submitted) The method of treating hypocalcemia as claimed in claim 11, wherein the vitamin D derivative administered intravaginally is absorbed in the vaginal cavity of the domestic mammal to increase a calcium concentration in the body, thereby treating the disease.

15. Cancelled.